

MORE BIRD WEIGHTS FROM SURINAM

BY FR. HAVERSCHMIDT

THE present list of bird weights from Surinam should be considered a continuation of my earlier list (1948. *Wilson Bulletin*, 60:230-239).

In the first list I gave weights of 216 species of birds; the present one contains the weights of a hundred additional species, many of them smaller birds which I was unable to weigh earlier. I also have included the weights of several species in the first list where more complete data were available now.

Nomenclature in the following list is based on Peters (1931-1951. "Check-list of birds of the world," Vols. 1-7, Cambridge, Mass.), Cory, Hellmayr, and Conover (1918-1949. *Field Mus. Nat. Hist. Zool. Ser.*, 13, Pts. 1-11), and Zimmer (1931-1951. "Studies of Peruvian birds, Nos. 1-61," *American Museum Novitates*). I should like to correct a mistake in my first list: *Melanerpes cruentatus* (*op. cit.*:235) should read *Melanerpes rubrifrons*.

			Grams
PELICANS. PELECANIDAE			
<i>Pelecanus o. occidentalis</i>	Dec.	? imm.	3000
HERONS. ARDEIDAE			
<i>Pilherodius pileatus</i>	Jan.	♂	518
SWANS, GEESE, AND DUCKS. ANATIDAE			
<i>Nononyx dominicus</i>	Dec.	♀	298
CONDORS AND VULTURES. CATHARTIDAE			
<i>Coragyps atratus</i>	Mch.	?	1250
	May	♂	1500
<i>Cathartes aura ruficollis</i>	Apr.	?	1000
	Jly.	?	1250
<i>Cathartes urubitinga</i>	May	♀	1480
HAWKS. ACCIPITRIDAE			
<i>Chondrohierax u. uncinatus</i>	Jly.	♂	257
	Aug.	♀	247
<i>Helicolestes hamatus</i>	Aug.	♂	448
<i>Buteo m. magnirostris</i>	Sep.	2 ♀ ♀	310, 350
<i>Buteo n. nitidus</i>	Jly.	♂	492
	Nov.	♂	430
<i>Busarellus n. nigricollis</i>	Nov.	♀	758
<i>Circus brasiliensis</i>	May	♂	391
<i>Geranospiza caerulescens</i>	Nov.	♀	328
FALCONS, FALCONIDAE			
<i>Daptrius ater</i>	Apr.	♀	354
<i>Milvago chimachima paludivagus</i>	Jne.	♂, ♂ imm.	304, 329
		♀ imm.	351
<i>Falco peregrinus anatum</i>	Mch.	♀ imm.	934
PHEASANTS AND QUAIL. PHASIANIDAE			
<i>Colinus cristatus sonnini</i>	Feb.	♂	153
	Aug.	♀	131
<i>Odontophorus g. gujanensis</i>	Dec.	♀	298
RAILS. RALLIDAE			
<i>Aramides c. cajanea</i>	May	♂	408
<i>Laterallus v. viridis</i>	Jan.	♀	73

PLOVERS. CHARADRIIDAE

<i>Hoploxypterus cayanus</i>	May	♀	84
<i>Charadrius hiaticula semipalmatus</i>	Oct.	♀	35
<i>Charadrius collaris</i>	Feb.	♀	29.1
	Aug.	♂	28.2

SANDPIPERS. SCOLOPACIDAE

<i>Tringa flavipes</i>	Jne.	♂	88
<i>Tringa melanoleuca</i>	Feb.	2 ♀ ♀	140, 178
	Sept.	?	180
	Oct.	♂	155
	Dec.	♂	174
<i>Capella p. paraguaiae</i>	Jan.	♂	113
	Sep.	♀	103
	Nov.	2 ♀ ♀	109, 121
	Dec.	♂	109

PIGEONS. COLUMBIDAE

<i>Columba c. cayennensis</i>	Sept.	♂	251
<i>Columba speciosa</i>	Sept.	♂	285
<i>Columba subvinacea purpureotincta</i>	Nov.	♂	110
<i>Columbigallina passerina griseola</i>	Jan.	♀	33
<i>Claravis pretiosa</i>	Jly.	♂	66
<i>Leptotila r. rufaxilla</i>	Apr.	♀	137
	Jne.	♀	131
	Oct.	♀	135
<i>Oreopeleia montana</i>	May	♂ imm.	78

PARROTS. PSITTACIDAE

<i>Ara ararauna</i>	Dec.	♂, ♀	1286, 1157
<i>Ara manilata</i>	Mch.	2 ♂ ♂	358, 360
<i>Ara n. nobilis</i>	Apr.	♀	144
<i>Brotogeris c. chrysopterus</i>	Jan.	♂, 2 ♀ ♀	69, 68, 68
<i>Pionus fuscus</i>	Jan.	♀	210
<i>Amazona a. amazonica</i>	Dec.	♂	403
<i>Deropterus a. accipitrinus</i>	Sep.	♀	253

CUCKOOS. CUCULIDAE

<i>Piaya c. cayana</i>	Jan.	♀	103
<i>Crotophaga major</i>	Nov.	♂	171

TYPICAL OWLS. STRIGIDAE

<i>Otus choliba crucigerus</i>	Oct.	♂	138
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POTOOS. NYCTIBIIDAE

<i>Nyctibius grandis</i>	Jne.	♂	500
	Sep.	♂	604

GOATSUCKERS. CAPRIMULGIDAE

<i>Chordeiles a. acutipennis</i>	Feb.	♂	42
	Nov.	3 ♂ ♂	48, 48, 50
		2 ♀ ♀	46, 46
	Dec.	♂	52
<i>Caprimulgus c. cayennensis</i>	Mch.	♂	38
	Jne.	♀	37
	Aug.	♂, 2 ♀ ♀	36, 35, 33
<i>Caprimulgus n. nigrescens</i>	Apr.	♀	39
<i>Hydropsalis climacocerca schomburgki</i>	Oct.	♂	34

SWIFTS. APODIDAE

<i>Chaetura s. spinicauda</i>	Sep.	♀	15
<i>Chaetura b. brachyura</i>	Apr.	♀	20.2
<i>Reinarda s. squamata</i>	Mch.	♀	10.5
	Jne.	2 ♂ ♂	9.4, 9.7

HUMMINGBIRDS. TROCHILIDAE

<i>Glaucis h. hirsuta</i>	Jan.	♂	5.0
	Mch.	♂	7.2

<i>Phaethornis s. superciliosus</i>	Mch.	♀	5.8
<i>Phaethornis l. longuemareus</i>	Jan.	♀	3.75
	Feb.	♀	2.92
	May	♀	3.16
	Jly.	♀	3.27
	Aug.	♂	3.75
	Sep.	♀	3.3
	Dec.	♂	2.9
<i>Caupylopterus l. largipennis</i>	Mch.	♀	7.2
<i>Florisuga m. mellivora</i>	Apr.	2 ♂ ♂	6.97, 7.35
	Jly.	♀	6.9
<i>Anthracothorax viridigula</i>	Apr.	2 ♂ ♂	9.4, 9.8
	Nov.	2 ♂ ♂	10.4, 9.9
		♀	9.2
<i>Anthracothorax u. nigricollis</i>	Mch.	2 ♀ ♀	6.9, 7.4
	Apr.	3 ♂ ♂	7.2, 7.8, 8.2
	Aug.	♂, ♀	6.2, 6.3
<i>Chrysolampis mosquitos</i>	Mch.	♀	4.1
	Apr.	♂, ♀	4.4, 3.9
<i>Chlorestes u. uotatus</i>	Apr.	♂	3.75
<i>Hylocharis cyanus viridiventris</i>	Apr.	♂	4.25
	May	2 ♂ ♂	3.48, 3.8
<i>Smaragdites t. theresiae</i>	Feb.	♂	3.6
	Jly.	♀	3.5
	Aug.	♂, ♀	3.58, 3.8
	Sep.	♂	3.9
	Nov.	♀	3.5
<i>Amazilia f. fimbriata</i>	Mch.	♂	4.5
	Apr.	♂, 2 ♀ ♀	4.8, 4.9, 5.8
	Nov.	♂	4.5
<i>Amazilia l. leucogaster</i>	Apr.	♂	4.9
	Nov.	♂, ♀	5.4, 4.7
	Dec.	♂, ♀	4.7, 4.6
TROGONS. TROCONIDAE			
<i>Trogon s. strigilatus</i>	Jan.	♀	84
	Oct.	♀	81
	Nov.	♂	98
<i>Trogon v. violaceus</i>	Sep.	♀	50
KINGFISHERS. ALCEDINIDAE			
<i>Ceryle t. torquata</i>	Jly.	♀	295
JACAMARS. GALBULIDAE			
<i>Jacamerops a. aurea</i>	Sept.	♀	58
PUFF-BIRDS. BUCCONIDAE			
<i>Chelidoptera t. tenebrosa</i>	Feb.	♀	39
BARBETS. CAPITONIDAE			
<i>Capito n. niger</i>	May	♀	54
TOUCANS. RAMPHASTIDAE			
<i>Pteroglossus aracari roraimae</i>	Jan.	♀	264
	Jly.	♂	237
	Sep.	♀	266
<i>Pteroglossus v. viridis</i>	Mch.	♂, 2 ♀ ♀	146, 136, 128
	Aug.	♂, ♀	136, 125
	Sep.	♂	143
<i>Ramphastos v. vitellinus</i>	Mch.	♂	358
	Jly.	♀	298
	Nov.	♂	423
	Dec.	♀	387
<i>Ramphastos tucanus</i>	Dec.	♀	514

WOODPECKERS. PICIDAE

<i>Picus j. flavigula</i>	Jne.	♀	58
	Sep.	♀	44
<i>Celeus elegans hellmayri</i>	Apr.	♂	161
<i>Celeus u. undatus</i>	Jan.	♂, ♀	61, 64
<i>Celeus j. flavus</i>	Jly.	2 ♀ ♀	102, 108
<i>Melanerpes c. cruentatus</i>	Mch.	♂	60
<i>Melanerpes rubrifrons</i>	Dec.	♂, ♀	57, 60
<i>Veniliornis cassini</i>	Jan.	♀	32
<i>Phloeocastres m. melanoleucos</i>	Jan.	2 ♂ ♂	269, 251
<i>Phloeocastres r. rubricollis</i>	Jan.	♀	193
	May	♂	236

WOOD-HEWERS. DENDROCOLAPTIDAE

<i>Dendrocincla j. fuliginosa</i>	Jan.	♀	32
	Mch.	♀	37
<i>Xiphorhynchus guttatus polystictus</i>	Dec.	♂, ♀	61, 62
<i>Lepidocolaptes a. albo-lineatus</i>	Feb.	♂	19
	Sep.	♂	24
	Dec.	♀	20.3

OVEN-BIRDS. FURNARIIDAE

<i>Synallaxis albescens josephinae</i>	Mch.	♂, 2 ♀ ♀	14.7, 14.7, 14.6
	Apr.	♀	20
	Nov.	♂	16
	Dec.	♀	15
<i>Philydor pyrrhodes</i>	Jan.	♂	32.5
<i>Automolus ochrolaemus turdinus</i>	Apr.	♂, ♀	35, 36.1
	May	2 ♀ ♀	33, 33
<i>Sclerurus rufigularis fulvigularis</i>	Jan.	♀	23.1

ANT-BIRDS. FORMICARIIDAE

<i>Frederickena viridis</i>	Feb.	♂	71
<i>Thamnophilus m. murinus</i>	Jan.	♂	19
<i>Pygiptila stellaris occipitalis</i>	Feb.	♂	23.8
	Apr.	♂	25.8
	Jne.	♀	24.2
	Oct.	♂	25
<i>Myrmotherula b. brachyura</i>	Aug.	♀	7.8
<i>Myrmotherula a. axillaris</i>	May	2 ♂ ♂	9, 9.2
<i>Herpsilochmus s. sticturus</i>	Jan.	♂	11
<i>Formicivora g. grisea</i>	Feb.	♂	11.5
<i>Myrmoborus leucophrys angustirostris</i>	Dec.	2 ♂ ♂, ♀	21, 22, 21
<i>Hypocnemis c. cantator</i>	Jan.	♂, ♀	13, 14
	Feb.	♀	11.5
	Mch.	♂	12.3
	Apr.	♂	11.7
	Oct.	♂	12
	Dec.	♀	14
<i>Hypocnemoides m. melanopogon</i>	Dec.	2 ♂ ♂, ♀	14, 14, 16
<i>Percnostola r. rufifrons</i>	Sep.	♂	30
<i>Myrmeciza j. ferruginea</i>	Oct.	♂	25.9

COTINGAS. COTINGIDAE

<i>Cotinga cayana</i>	Jly.	♂	64
<i>Xipholena punicea</i>	May	♂, ♀ imm.	69, 60
<i>Laniocera hypopyrrha</i>	Mch.	♂	47.2
<i>Lipaugus cineraceus</i>	Apr.	♂	73
	Oct.	2 ♂ ♂	74, 73
<i>Pachyramphus rufus</i>	Mch.	♀	18.8
	Apr.	♀	18.6
	Jly.	♂	19.9

<i>Pachyramphus polychopterus tristis</i>	Apr.	♂	20.7
	May	♀	22.4
	Jne.	2 ♂ ♂, ♀	20.5, 20, 22.3
	Aug.	♂	24.5
	Sep.	♀	22.2
	Nov.	♂, ♀	23, 23
<i>Pachyramphus marginatus nanus</i>	Jan.	♂	18
<i>Platypsaris minor</i>	May	♂	38
	Sep.	♂, ♀	44, 39
<i>Querula purpurata</i>	Feb.	♂, ♀	104, 91
<i>Gymnoderus foetidus</i>	Sep.	♀	241
MANAKINS. PIPRIDAE			
<i>Pipra a. aureola</i>	May	2 ♂ ♂, ♂ imm.	14.9, 15.4, 16.3
	Dec.	♀	18
<i>Pipra e. erythrocephala</i>	Jan.	♂ imm.	11
	Feb.	♀	10.8
	Jne.	3 ♂ ♂	11.1, 11.2, 11.6
	Oct.	♂	10.2
	Dec.	♂	12
<i>Pipra p. pipra</i>	Dec.	2 ♂ ♂	9.1, 9.6
<i>Manacus m. manacus</i>	Mch.	♀	14.5
	Sep.	♂	17.7
	Dec.	♂	16.1
<i>Schiffornis turdinus wallacii</i>	Mch.	♀	31.3
	Feb.	3 ♂ ♂	30, 37, 31
	Apr.	♂	34
<i>Neopelma chrysocephalum</i>	Mch.	♂	15.7
	Nov.	♂	16
TYRANT FLYCATCHERS. TYRANNIDAE			
<i>Fluvicola p. pica</i>	Feb.	♂, ♀	15, 11.9
<i>Tyrannus dominicensis vorax</i>	Mch.	♀	55
<i>Empidonomus varius rufinus</i>	Feb.	2 ♂ ♂	23.9, 26
	Mch.	2 ♂ ♂, ♀	24, 23, 24
	Nov.	♂	23
	Dec.	♀	25
<i>Empidonomus varius varius</i>	May	♀	27
	Jly.	♀	27
<i>Myiodynastes maculatus solitarius</i>	May	2 ♂ ♂	44, 47
<i>Myiarchus f. ferox</i>	Jan.	♀	29
	Feb.	♂	30.2
	Mch.	3 ♀ ♀	28.7, 29.2, 29.5
	Apr.	♂	30
	Jly.	♂	29
	Sep.	2 ♂ ♂, ♀	28.9, 29, 30
	Nov.	3 ♂ ♂	26, 28, 23
		♀	26
	Dec.	2 ♂ ♂	28, 26
		2 ♀ ♀	29, 30
<i>Myiobius b. barbatus</i>	Apr.	♂	10.4
<i>Myiophobus f. fasciatus</i>	Dec.	♂	11
<i>Tolmomyias sulphurescens cherriei</i>	Jly.	♂	13
	Nov.	♂	13
<i>Tolmomyias poliocephalus sclateri</i>	Jly.	♀	11.1
	Aug.	2 ♀ ♀	11, 11.3
	Nov.	♂, 2 ♀ ♀	12, 12, 12.1
<i>Tolmomyias flaviventris collingwoodi</i>	Mch.	♀	13.4
	May	♀	13.6
	Jly.	♂	13
	Aug.	♀	13.5

<i>Rhyachocyclus olivaceus guianensis</i>	Feb.	♀	20
<i>Ramphotricon ruficauda</i>	Jan.	♀	16.2
	Jne.	2 ♂ ♂	15, 17.5
		♀	17.9
<i>Todirostrum chrysocrotaphum pictum</i>	Oct.	♂	6.53
<i>Todirostrum c. cinereum</i>	Feb.	♂	6.9
	Aug.	♀	6.6
<i>Todirostrum m. maculatum</i>	Jne.	♀	7.2
	Oct.	♂	7.6
<i>Colopteryx galeatus</i>	Mch.	♂	6.9
	Oct.	♂	7.4
<i>Elaenia f. flavogaster</i>	Nov.	♂	26
	Dec.	♂, ♀	25, 24
<i>Elaenia cristata</i>	Feb.	♀	19.3
	May	♀	17.4
	Nov.	♀	18
<i>Elaenia gaimardii guianensis</i>	Apr.	♀	11.1
	Sep.	♂	12.8
<i>Elaenia flavivertex</i>	Dec.	♀	11
<i>Phaeomyias murina incomta</i>	Feb.	♂	10.3
<i>Camptostoma obsoletum napaeum</i>	Feb.	♂	9.5
	Mch.	♀	7.7
	Jne.	♂	8.0
	Jly.	♂	9.4
	Sep.	♀	7.75
<i>Tyrannulus e. elatus</i>	Jan.	♂	8
	Aug.	♀	7.3
<i>Pipromorpha o. oleaginea</i>	Oct.	♀	10.4
<i>Pipromorpha m. macconnelli</i>	Oct.	♂	14.5
SWALLOWS. HIRUNDINIDAE			
<i>Progne s. subis</i>	Oct.	♀	52
<i>Progne c. chalybea</i>	Jan.	♀	40
	Jne.	♀	37
	Aug.	2 ♂ ♂	45, 50
	Dec.	♂	39
<i>Phaeoprogne t. tapera</i>	Jan.	♂	34
	Nov.	♀	36
	Dec.	3 ♀ ♀	32, 34, 45
		♂	30
WRENS. TROGLODYTIDAE			
<i>Thryothorus leucotis albipectus</i>	Dec.	2 ♀ ♀	23, 25
<i>Thryothorus c. coraya</i>	Mch.	♂, ♀	15.4, 17.3
	Nov.	♀	15
<i>Troglodytes musculus clarus</i>	Apr.	♂, ♀	12.2, 13.4
	May	♀	11.7
	Jne.	♂	12.6
<i>Henicorhina l. leucosticta</i>	Apr.	♂	15.5
MOCKINGBIRDS. MIMIDAE			
<i>Mimus g. gilvus</i>	Jan.	♂ imm.	52
THRUSHES. TURDIDAE			
<i>Turdus n. nudigenis</i>	Jne.	♀	69
<i>Turdus leucomelas ephippialis</i>	Jne.	♀	75
WARBLERS, GNATCATCHERS, AND KINGLETS. SYLVIIDAE			
<i>Polioptila p. plumbea</i>	Jly.	♂	6.9
	Oct.	♂, ♀	7, 7
<i>Ramphocaenus melanurus albiventris</i>	Apr.	2 ♂ ♂, ♀	8.2, 8.7, 8.3
VIREOS. VIREONIDAE			
<i>Hylophilus pectoralis</i>	Feb.	♂, ♀	11.7, 11.8
	Mch.	♀	11.7

HONEY-CREEPERS. COEREBIDAE

Cyanerpes c. cyaneus

Feb.	♂	12.7
Mch.	♀	13.1
Apr.	♂	14
May	♀	12.2
Nov.	♂	12.2
May	♀, ♂	9.6, 10.8
Mch.	♀	9.5
May	♂	8.2
Aug.	♂	9.9

*Cyanerpes c. caeruleus**Coereba flaveola minima*

Mch.	♀	9.5
May	♂	8.2
Aug.	♂	9.9

WOOD WARBLERS. PARULIDAE

Dendroica petechia aestiva

Mch.	3 ♀ ♀	8.6, 10.5, 13.2
Sep.	♀	11

TROUPIALS. ICTERIDAE

Xanthornus d. decumanus

Feb.	♀	157
Aug.	♂, ♀	291, 148
Sep.	♀	151
Mch.	♂	103

Cacicus c. cela

	4 ♀ ♀	59, 62, 63, 68
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*Molothrus bouariensis minimus**Icterus chryscephalus*

Jly.	♀	36
Jne.	♂	42
Dec.	♂	44

*Icterus n. nigrogularis**Leistes m. militaris*

Apr.	♂, ♂ imm.	40, 36
Jan.	♂	48
May	2 ♂ ♂	47, 48
Dec.	♂ imm.	41

Sturnella magna subsp.

Jan.	♂ imm., 2 ♀ ♀	79, 77, 74
Feb.	♂	95
Mch.	♂, ♀	86, 72
Apr.	♂, ♂ imm.	86, 72
Oct.	♂	91
Nov.	♂	91
	3 ♀ ♀	81, 73, 64
Dec.	♂, 3 ♀ ♀	92, 80, 73, 72

TANAGERS. THRAUPIDAE

Tanagra v. violacea

Aug.	♂, ♀	13.8, 12.7
Oct.	♀	14.7
Dec.	♂	13.0

Tangara c. cayana

Feb.	♂, ♀	20.3, 19
Apr.	♂, ♀	19, 17
May	♂	17
Dec.	♂	19

Thraupis e. episcopus

Feb.	♂	28
Jne.	♂	37

Rauphocoelus c. carbo

Sep.	3 ♂ ♂	25.5, 26, 29
Nov.	♂ imm.	27.5

*Tachyphonus cristatus intercedens**Tachyphonus phoenicius*

Feb.	♂	19.5
Jan.	♀	25
Mch.	♂ imm.	21.2
Apr.	♂ imm.	22
Nov.	♂, ♂ imm.	22, 20

*Eucometis p. penicillata**Newosia pileata surinauensis*

Dec.	♀	29
Apr.	♂, 2 ♀ ♀	16.3, 17, 17.5
Jne.	♂	14.5

Hemithraupis guira nigrigula

Jly.	♂, ♀ imm.	16, 20.7
Mch.	♂	11.4
Sep.	♂	11.2

Schistochlamys m. melanopsis

Jan.	♂	30
May	♀	29
Nov.	♂	33

FINCHES. FRINGILLIDAE

<i>Saltator coerulescens olivascens</i>	Jly.	♂	54
<i>Caryothraustes c. caudensis</i>	Jan.	♂, 2 ♀ ♀	34, 36, 36
<i>Sporophila plumbea whiteleyana</i>	Mch.	♂	9.7
<i>Sporophila m. minuta</i>	Feb.	♂	7.3
	May	♂	7.4
	Aug.	♀	7.9
	Nov.	♂	8.3
	Dec.	♂	9
<i>Sporophila castaneiventris</i>	Jan.	♂	6.8
<i>Oryzoborus angolensis torridus</i>	Mch.	3 ♂ ♂	11.4, 12.7, 13.1
	Dec.	♂	12
<i>Volatinia jacarina splendens</i>	Mch.	♂	9.6
<i>Myospiza h. humeralis</i>	Dec.	♀	18

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Irwin M. Alperin—2 magazines	Philip S. Humphrey—1 reprint
William J. Beecher—3 reprints	Leon Kelso—2 pamphlets, 78 magazines
A. J. Berger—2 reprints	S. Charles Kendeigh—1 book
Hervey Brackbill—1 reprint	Robert M. Laughlin—1 reprint
Lawrence B. Chapman—1 book	Margaret M. Nice—15 reprints, 10 magazines, 2 books
David E. Davis—66 magazines	Kenneth C. Parkes—4 reprints
Carl Edelstam—1 reprint	Robert W. Storer—2 books
Fred H. Glenny—1 reprint	H. B. Tordoff—1 book
William C. Grimm—1 book	Wisconsin Conservation Department—1 pamphlet
Fr. Haverschmidt—1 reprint	
Harold M. Holland—2 reprints	